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AMENDMENT

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

IN THE CLAIMS:

Kindly amend the claims, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, to read as follows:

- 1. (Currently Amended) A composition comprising
- (i) a surface coating material;
- (ii) a first substrate, wherein the first substrate is a carbohydrate or a sugar selected from oligomers and polymers of substrates for oxidative enzymes;
- (iii) a first enzyme;
- (iv) a second enzyme, wherein the second enzyme is an oxidase a hexose oxidase; wherein the first substrate and the first enzyme react to generate a second substrate, wherein the second substrate is selected from the group consisting of D-glucose, D-galactose, D-mannose, maltose, lactose and cellobiose, upon which the second enzyme acts, whereby an anti-foulant compound is generated which is long-acting.
- 2. (Previously Presented) A composition according to claim 1 wherein the second enzyme is from a marine algae.
- 3. (Previously Presented) A composition according to claim 1 wherein the second enzyme is from Chondrus cripus.
 - 4-8. (Cancelled)
- 9. (Previously Presented) A composition according to claim 1 wherein the first enzyme is amyloglucosidase.
- 10. (Previously Presented) A composition according to claim 1 wherein the first substrate is starch.
- 11. (Previously Presented) A composition according to claim 1 wherein the composition further comprises a binder to immobilise at least one of the constituents of the composition.
 - 12. (Original) A coating consisting of a composition according to claim 1.

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- 13. (Original) A coating according to claim 12 formulated for treatment of a surface selected from outdoor wood work, external surface of a central heating system, and a hull of a marine vessel.
- 14 (Previously Presented) A marine anti-foulant consisting of a composition according to claim 1.
- 15. (Previously Presented) A marine anti-foulant according to claim 14 wherein the anti-foulant is self-polishable.

16-29. (Cancelled)

- 30. (Previously Presented) A composition comprising
- (i) a surface coating material;
- (ii) a first substrate;
- (iii) amyloglucosidase as a first enzyme;
- (iv) hexose oxidase as a second enzyme;

wherein the first substrate and the first enzyme react to generate a second substrate upon which the second enzyme acts, whereby an anti-foulant compound is generated.

- 31. (Previously Presented) The composition of claim 30, wherein the hexose oxidase is from a marine organism.
- 32. (Previously Presented) The composition of claim 31, wherein the hexose oxidase is from *Chondrus cripus*.
- 33. (Previously Presented) The composition of claim 30, wherein the hexose oxidase enzyme comprises the amino acid sequence set out in SEQ ID NO: 2.
- 34. (Previously Presented) The composition of claim 30, wherein the second substrate is a sugar.
- 35. (Previously Presented) The composition of claim 34, wherein the sugar is glucose.
- 36. (Previously Presented) The composition of claim 30, wherein the first substrate is starch.
- 37. (Previously Presented) The composition of claim 1, wherein the antifoulant acts for at least four weeks.
- 38. (Previously Presented) The composition of claim 1, wherein the antifoulant acts for at least two years.

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- 39. (New) The composition of claim 1, wherein the second enzyme is a hexose oxidase.
- 40. (New) The composition of claim 1, wherein the composition is formulated as a coating, lacquer, stain or enamel.
- 41. (New) The composition of claim 12, wherein the coating materials are selected from polyvinyl chloride resins in a solvent based system, chlorinated rubbers in a solvent based system, acrylic resins and methacrylate resins in solvent based or aqueous systems, vinyl chloride-vinyl acetate copolymer systems as aqueous dispersions or solvent based systems, butadiene copolymers such as butadiene-styrene rubbers, butadiene-acrylonitrile rubbers, and butadiene-styrene-acrylonitrile rubbers, drying oils such as linseed oil, alkyd resins, asphalt, epoxy resins, urethane resins, polyester resins, phenolic resins, derivatives and mixtures thereof.